DOCUMENT RESUME

ED 043 491 SE 008 982

TITLE	Science and Mathematics Education Information Report, General Bibliography Series, Bibliography 38, Legislative Acts and Reports. Administration and Supervision, Science Facilities.
INSTITUTION	Ohio State Univ., Columbus. ERIC Information Analysis Center for Science Education.
PUB DATE	May 70
NOTE	19p.
EDRS PRICE	EDRS Price MF-$0.25 HC-$1.05
DESCRIPTORS	Administration, *Bibliographies, Federal Programs, *Legislation, *Mathematics Education, *Science Education, Science Facilities, *Supervision

ABSTRACT

This is the eighth in the fourth series of general bibliographies developed to disseminate information on documents analyzed at the ERIC Information Analysis Center for Science and Mathematics Education. Reported are 53 citations of selected documents related to legislative acts and reports affecting science and mathematics education, administration and supervision in science and mathematics education, and science facilities. Under these headings the entries are listed alphabetically by author. An author index is provided. The documents include research reports, research reviews, manuals, speeches, textbooks, and other document types. Citations include author, source, availability, and major ideas of the document. This bibliography updates, but does not replace, bibliographies 8, 18, and 28. (RR)

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LEGISLATIVE ACTS AND REPORTS ADMINISTRATION AND SUPERVISION SCIENCE FACILITIES

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LEGISLATIVE ACTS AND REPORTS ADMINISTRATION AND SUPERVISION SCIENCE FACILITIES

ERIC Information Analysis Center for Science
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1460 West Lane Avenue
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May, 1970

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SCIENCE AND MATHEMATICS EDUCATION INFORMATION REPORTS

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A. LEGISLATIVE ACTS AND REPORTS

1. SE 001 815
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2. SE 006 711
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3. SE 006 348
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7. SE 500 595
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10 00 69 2
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8. SE 006 721
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OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C.
07 00 64 23
*AUDIOVISUAL AIDS, *BULLETINS, *EDUCATIONAL DEVELOPMENT, *EDUCATIONAL MEDIA, *LEGISLATIVE ACTS AND REPORTS, *PROJECT REPORTS, FEDERAL GOVERNMENT, FINANCIAL SUPPORT, RESEARCH, TEACHER EDUCATION, UNITED STATES OFFICE OF EDUCATION, NATIONAL DEFENSE EDUCATION ACT, TITLE VII

9. SE 007 183
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OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
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10. SE 500 596
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11. SE 006 823
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B. ADMINISTRATION AND SUPERVISION

1. SE 006 326
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01 00 69 4
*ADMINISTRATION, *ENGINEERS, *INDUSTRIAL PERSONNEL, *SCIENTIFIC MANPOWER, ADMINISTRATIVE PERSONNEL, DEVELOPMENT, RESEARCH, SALARIES

2. SE 006 348
ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION
SCIENCE EDUCATION INFORMATION REPORT, GENERAL BIBLIOGRAPHY SERIES 18, LEGISLATIVE ACTS AND REPORTS, ADMINISTRATION AND SUPERVISION, SCIENCE FACILITIES
ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION, COLUMBUS, OHIO
EDRS
ED 026 284 MF $0.25 HC $0.90
12 00 68 16
*ADMINISTRATION, *BIBLIOGRAPHIES, *LEGISLATION, *SCIENCE FACILITIES, *SUPERVISION, BIOLOGICAL SCIENCES, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, FEDERAL AID, FEDERAL PROGRAMS, MATHEMATICS EDUCATION, OUTDOOR EDUCATION, SECONDARY SCHOOL SCIENCE

3. SE 006 549
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FUND SOURCES FOR UNDERGRADUATE GEOLOGY, CEGS PROGRAMS PUBLICATION NUMBER 3
COUNCIL ON EDUCATION IN THE GEOLOGICAL SCIENCES, WASHINGTON, D.C.
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ED 031 394 NOT AVAILABLE FROM EDRS
69 13
*COLLEGE SCIENCE, *FINANCIAL SUPPORT, *GEOLOGY, *INDEXES (LOCATORS), UNDERGRADUATE STUDY, COUNCIL ON EDUCATION FOR THE GEOLOGICAL SCIENCES, AMERICAN GEOLOGICAL INSTITUTE, 1969

4. SE 006 398
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FORMULATION OF MANAGEMENT SCIENCE MODELS FOR SELECTED PROBLEMS OF COLLEGE ADMINISTRATION, FINAL REPORT
IOWA STATE UNIVERSITY, AMES
EDRS
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11 00 67 122
*ADMINISTRATION, *ADMINISTRATIVE PROBLEMS, *DECISION MAKING, *HIGHER EDUCATION, *MATHEMATICAL MODELS, RESEARCH REPORTS

5. SE 006 597
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6. SE 500 610
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PLACEMENT OF FRESHMEN IN THE CHEMISTRY PROGRAM
JOURNAL OF CHEMICAL EDUCATION
03 00 69 3
*CHEMISTRY, *CURRICULUM, *STUDENT PLACEMENT, ACCELERATED COURSES, ADMISSION CRITERIA, COLLEGE SCIENCE, STUDENT EVALUATION, UNDERGRADUATE STUDY, U.S. AIR FORCE ACADEMY, 1969

7. SE 007 121
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8. SE 006 464
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10. SE 500 812
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2. SE 006 183
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3. SE 006 736
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9. SE 006 348
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11. SE 006 702
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15. SE 006 055
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NATIONAL ASSOCIATION OF BIOLOGY TEACHERS NEWS AND VIEWS, VOLUME XII, NUMBER 6
NATIONAL ASSOCIATION OF BIOLOGY TEACHERS, WASHINGTON, D.C.
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17. SE 500 103
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